EDIROL by Roland

F-1 Video Field Recorder

F-1 Utility - Browser Owner's Manual

Thank you for using the EDIROL F-1 Video Field Recorder. This document describes operations of the F-1 Utility software for the EDIROL F-1.

F-1 Utility - Browser

This software previews the clips recorded on F-1.
For details on installation, refer to the separately downloaded "Installation" PDF.

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Main Features

Clip Preview

You can display a list of clip material saved on the F-1, enabling you to see at a glance whether any shots have been overlooked. Preview playback of any clip is possible, so you can check right then and there whether the cut you've just made is okay. The date and time of capture and the length of each piece of material are also listed, which is useful and convenient for organizing the clips.

Check Multi-channel Recorded Audio

During preview playback of video material, the waveforms of four-channel recorded audio are also displayed. This lets you visually check the waveform to make sure the volume level of the audio is appropriate.

Copy Clip Data to a Computer

You can copy clip data from the F-1 to a computer hard disk in a single step. Along with copying, you can also move and delete clips. Enabling you to easily organize and manage the materials in your F-1.

The dedicated recoding media for F-1 (such as F1-HD120 Hard Disk or F1-SSD64 Solid State Drive) is generally called "Removable Storage" in this document..

The F-1 Utility software is installed with another dedicated F-1 software program, the F-1 Net Control.
The F-1 Net Control and F-1 Utility will be iinstalled simultaneusly with the steps described in this document.

Using the F-1 Utility Browser

This is a program for displaying a list of clips and performing preview playback. Running F-1 Utility starts this mode first.

Starting the F-1 Utility Browser

Running this requires a connection between the computer and the F-1 or a removable storage for the F-1. For information about how to make the connection, refer to the owner's manual for the F-1.

1. **Make sure the connection is made to the F-1 or a removable storage for the F-1.**
   Make sure the connection is made securely using a USB cable.

2. **Start F-1 Utility.**
   From the computer's "Start" menu, select "F-1 Utility." Alternatively, double-click the "F-1 Utility" shortcut icon on the desktop in Windows. The F-1 Utility Browser starts.

NOTE

To ensure that this software runs correctly, give attention to the points described below when you make the connection.

* *Use the USB cable included with the F-1.*
* *The two connectors on the split end of the included USB cable are for connection to the computer. Connect both connectors to USB Ports on the computer.*
* *Connect the computer and the F-1 (or the removable storage for the F-1) directly, using the USB cable. Never make the connection to the computer through a USB hub or via a USB Port on the keyboard or display.*
* *If any other USB devices are connected (such as an external hard disk or printer), keep them detached while you're using this program.*
* *If you're using a USB mouse or keyboard, then during use of this program, connect only the F-1 (or the removable storage for the F-1) and the mouse or keyboard, and detach any other USB devices.*

Detaching the F-1 or the Removable Storage for the F-1 from the Computer

When detaching the device from the computer, use any one of the procedures described below.

NOTE

Failing to use one of the following procedures to detach the device may, in the worst case, damage the removable storage or result in loss of recorded clip data. Be sure to follow the procedures.

Click the On-screen Detach Button

Clicking the button shown below enables you to safely detach the device from the computer. If you're detaching the device while this program is running, use this method to detach the device.

Detach Using the Task Tray in Windows

To detach the device after quitting this program, use the task tray in Windows to perform the operation.

1. **In Windows, click the button for disconnecting USB devices.**
   Go to the task tray at the bottom right of the screen and click the button shown below.

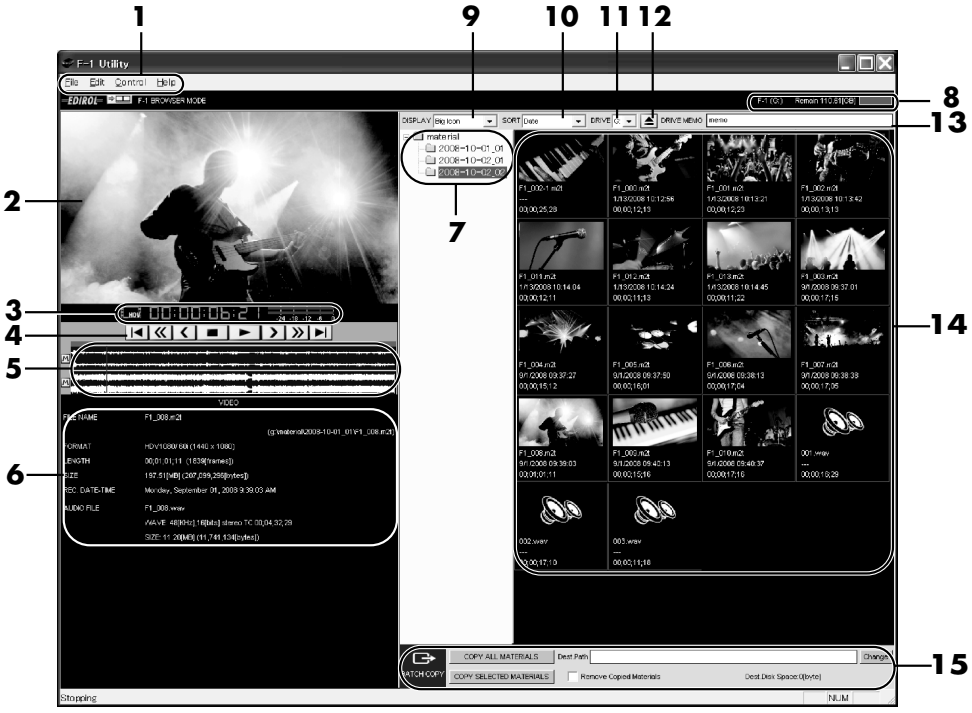
2. **Click the message that appears.**
   Click the "Safely remove USB mass storage device" message.

3. **Wait for the removal message.**
   Wait for the message "The USB mass storage device can now be safely removed from the system" to appear.

4. **Detach the USB cable.**
   After the message just described appears, to be safe, wait an additional 30 seconds before detaching the cable.

Names of Things and What They Do

The browser window appears first when you start up F-1 Utility.



1. Menu
Operations that you carry out using the mouse can also be performed via the menu.

2. Monitor
This displays the picture during preview playback of material.

3. Time Code and Audio Level
This displays the time code and audio level for the clip currently in preview playback. It also displays the format of video material (HDV or DV).

4. Transport Controls
These buttons control preview playback and perform single-frame forward and rewind.

5. Timeline and Waveform Display
This displays the current location of preview playback. It also displays the waveform of simultaneously recorded audio.

6. File Information
This displays a variety of information about the selected clip.

7. Folder List
This displays a list of the folders on the selected removable storage.

8. Disk Remaining Indicator
This displays the amounts of used space and remaining free space on the selected ahrd disk / removable storage.

9. Change View Mode
This switches the view mode for clips.

10. Rearrange View Order
This changes the order in which clips are displayed.

11. Select Drive
This selects the removable storage containing the material to be displayed.

12. Disconnect Removable Storage Button
This detaches from the computer the removable storage selected using the Select Drive feature just described. Data on a detached removable Storage cannot be viewed. If you want to see it, re-establish the USB connection.

13. Memo Field
You can add notes to the selected removable storage. This lets you record the name of the camera operator, the shooting location, or other such information.

14. List View Area for Clips
This displays a list of the clips in the currently opened folder on the selected removable storage.

15. Clip Copy Control
Buttons to control data copy. You can perform such operations as copying all clips in a folder in one batch or copying just one selected clip.

Checking Recorded Clips

This program enables you to playback and check clips recorded on the F-1, quickly and easily.

Selecting a Removable Storage

Select the removable storage containing the material to be displayed. If a removable storage for the F-1 is connected while a hard disk in the computer also contains clips, or if multiple removable storages for the F-1 are connected to a single computer, you first need to select the removable storage.

1. Click the Select Drive button.

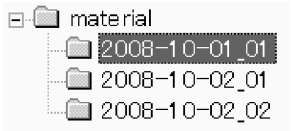
A list showing the removable storages connected to your computer appears.

* *Note : The drive labels (letters of the alphabet) that are displayed differ depending on the settings the computer uses.*

2. Select the removable storage whose contents you want to view.

Selecting a Folder

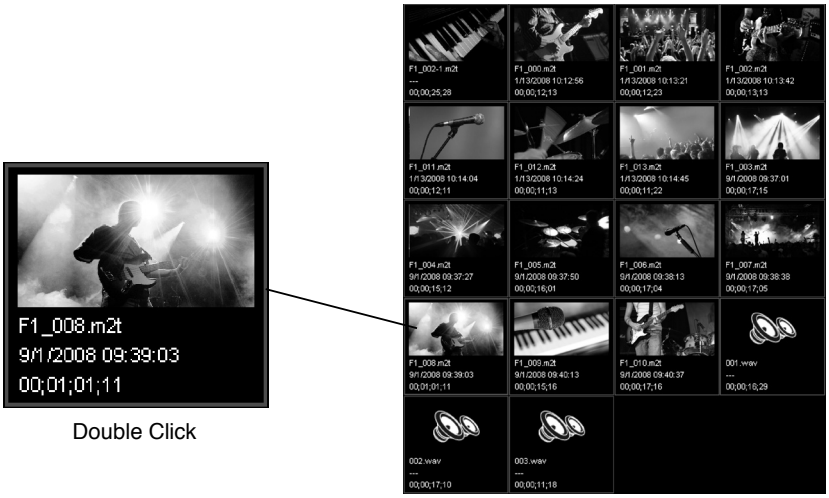
The selected removable storage contains a material folder, under which folders labeled by date and name are arranged. Select the folder whose contents you want to view. Clicking the icon for the folder displays a list showing the clips inside it.



Initially, the list view for clips is in the "Big Icon" mode. If you want to display it in a different mode, click the display mode button and select the mode you prefer. You can also select sort type from prefer.

Selecting a Clip

Double-clicking a clip selects it and starts playback in the monitor.



About Playback Preparation

For a short while just after you connect the removable storage to the computer, clip playback functions are limited. This is because the program has not yet completed the preparations for playback. The icon shown on below illustration appears while the playback preparation is going on.

While this icon is lit, you cannot perform the following playback operations. (only normal playback is possible)

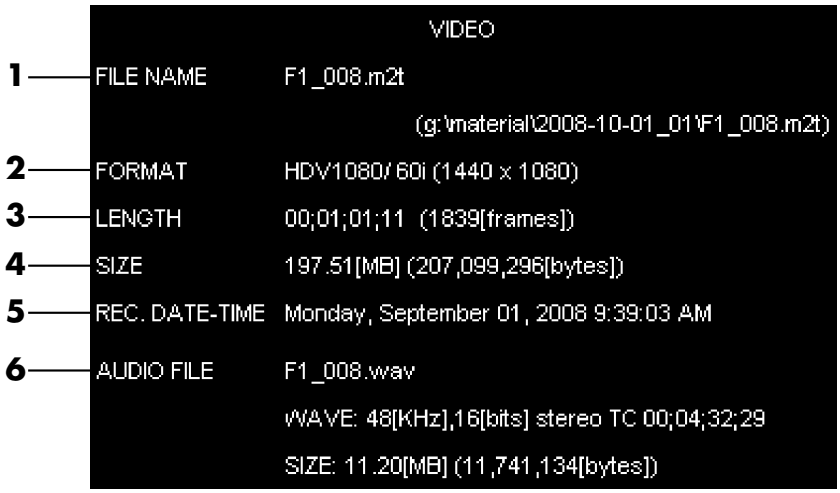
* *Jumping of position bar with drag and drop operation (frame seek)*
* *Smooth frame by frame forward or reverse*
* *Waveform display*
* *Length Display*

MEMO

Playback becomes possible after a short wait, but if you want to perform playback as soon as possible, right-click the clip displayed in the list. Selecting "Prepare" from this menu causes preparations for playback to be given priority.

Viewing Information about a Clip

This displays information about the selected clip at the bottom of the monitor. The information displayed is described below.



1. File Name

This is the file name given to the clip. The file extension ".m2t" is added for HDV shots, and the extension ".dv" is added for DV. The extension ".wav" is added for audio only clips.

2. Format

This is the format the clip was shot in. For HDV, this is either 1080i or 720p. For DV (NTSC/PAL), it is 480i or 576i.

3. Length

This displays the length of the clip in hours, minutes, seconds, and frames, and as the total number of frames.

4. Size

This displays the number of bytes in the clip.

5. Recorded Date and Time

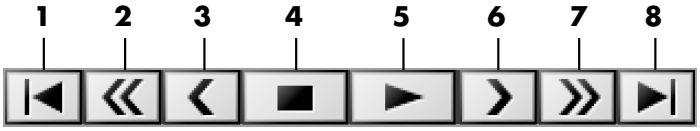
This displays the date and time when the clip was shot.

6. Audio File

This displays the name of the audio file when four-channel recording has been performed using external audio input (on channels 3 and 4) on the F-1. The file extension ".wav" is appended. This part will be blank if clip is an audio only (no video) material.

Controlling Clip Playback

You can start / stop playback and perform frame by frame by frame forward and reverse.



1. **Jump to the first frame of the clip**
2. **Reverse 10 frames**
3. **Reverse 1 frame**
4. **Stop playback**
5. **Start playback**
6. **Forward 1 frame**
7. **Forward 10 frames**
8. **Jump to the final frame of the clip**

TIP

You can also control playback using the computer's keyboard.

- Space: Start/stop playback

Numeric keypad

- 1 : Reverse 1 frame
- 3 : Forward 1 frame
- 4 : Reverse 10 frames
- 6 : Forward 10 frames
- 7 : Jump to the first frame of the clip
- 9 : Jump to the final frame of the clip

Full-screen Playback

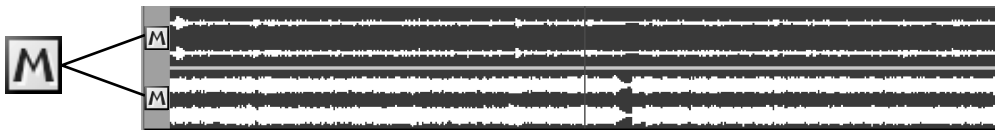
Pressing "F5" on the computer keyboard during playback of a clip switches to full-screen playback on the computer's display monitor. To go back to the original display, press "F5" again.

Channel 3/4 Audio

In addition to two channels recorded from camera mic, the F-1 can also record two additional channels via analog input jacks (channels 3 and 4). The waveforms for audio recorded on channels 3 and 4 are displayed below the 2 channels from camera mic.

TIP

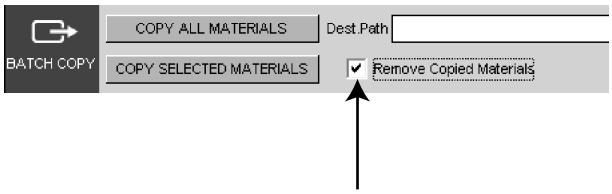
Audio can be silenced (muted out) by clicking the Mute button next to the waveform display. When you want to listen to only the camera mic sound, mute out channels 3 and 4. When you want to listen to just channels 3 and 4, mute the camera mic sound.



Copying a Clip on a Removable Storage for the F-1 to the Computer

TIP

Even when you perform copying using any of the following methods, you can choose whether or not to preserve the original clip data after copying it from the F-1 (or a removable storage for the F-1). When you don't want to preserve the original clip data—that is, when you want to move the data—select the "Remove Copied Materials" check box.



Copying by Dragging

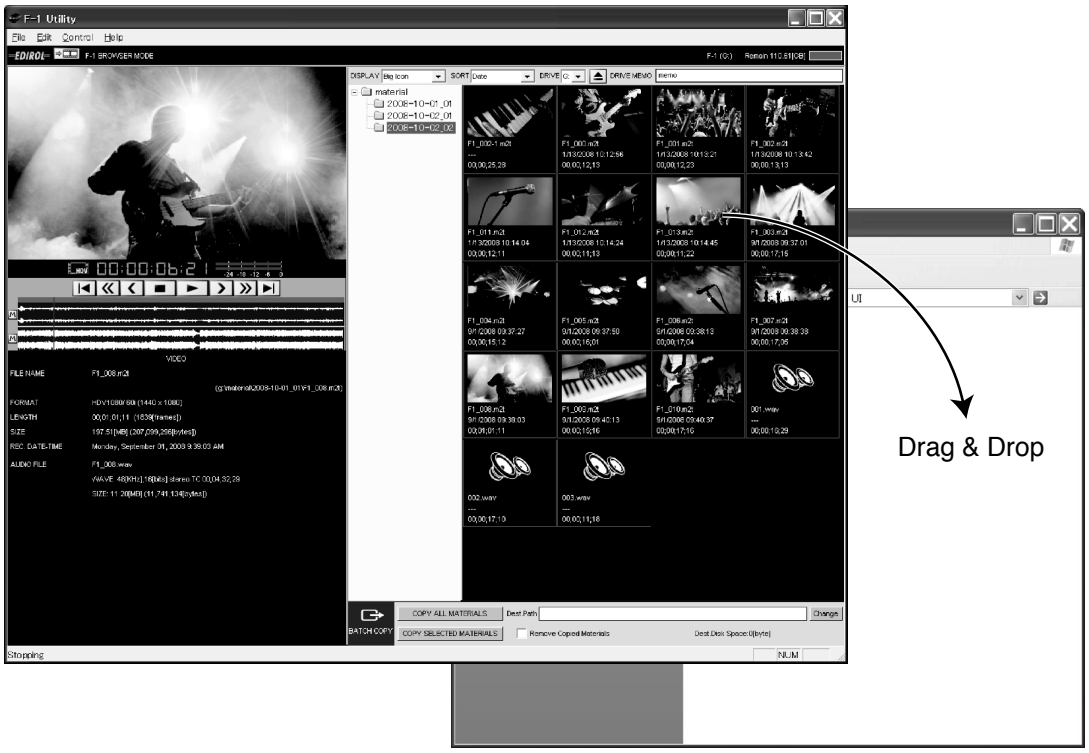
Copying by dragging and dropping is an easy way to copy individual clips.

1. Make the F-1 Utility Browser window smaller.

When you start this program, it fills the computer's display screen. Reduce the size of the window so that the desktop of Windows is visible.

2. Drag the clip.

Drag the clip icon to the desktop under Windows or to a folder created in Windows. The clip data is copied to the destination you dragged it to.



* *Note : For clips that have audio recorded on channels 3 and 4, the audio file (.wav) is copied along with the video file (.m2t or .dv).*

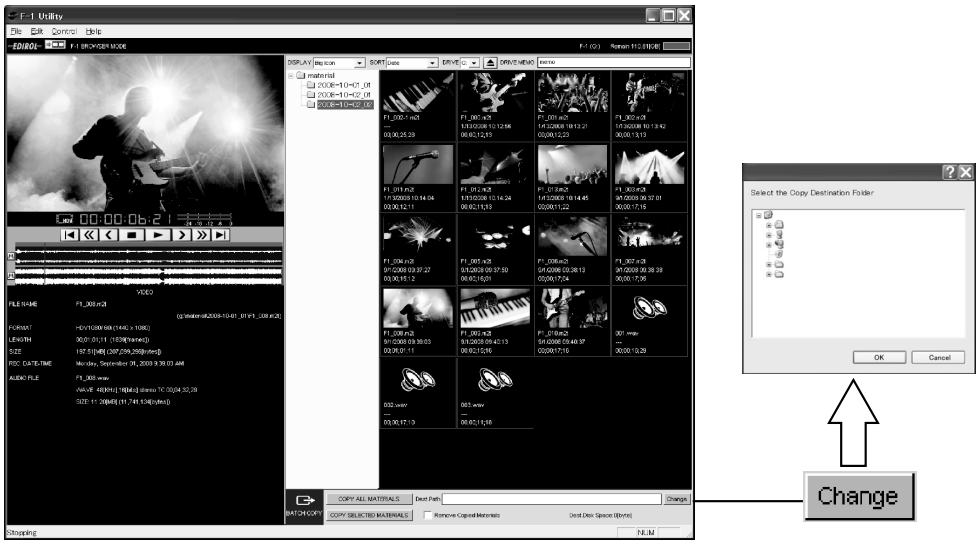
* *Note : You can select multiple clip at the same time by holding down the computer's Shift key or Ctrl (control) key as you click the clips.*

Batch Copy

It is also possible to copy clip data by button operations. It is handy when displaying this program full screen on your computer. This method copies all clips recorded on the connected F-1 (or removable storage for the F-1) to the computer's hard disk as a single group.

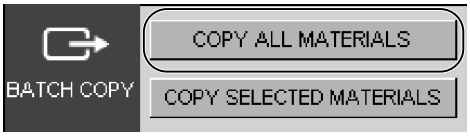
1. Select the copy destination.

Click "Change" button to select a folder as copy destination. Select a folder in the popup.



2. Click "COPY ALL MATERIALS."

Once clicked, the program starts copying all the clip data.



Copying a Selected Clip

If you prefer to copy selected clip data only, use the following copy method.

1. Select the clip.

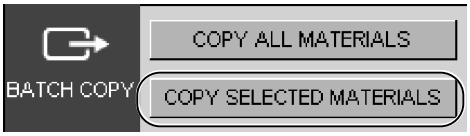
You can perform this operation on a single clip, or on a number of simultaneously selected clips. To select multiple clips at the same time, hold down the computer's Shift key or Ctrl (control) key as you click the clips.

2. Select the copy destination.

Click "Change" button to select a folder as copy destination. Select a folder in the popup. (same operation as Batch Copy)

3. Click "COPY SELECTED MATERIALS."

Once clicked, the program starts copying the selected clip data.



* *Note : You can select multiple clips at the same time by holding down the computer's Shift key or Ctrl (control) key as you click the clips.*

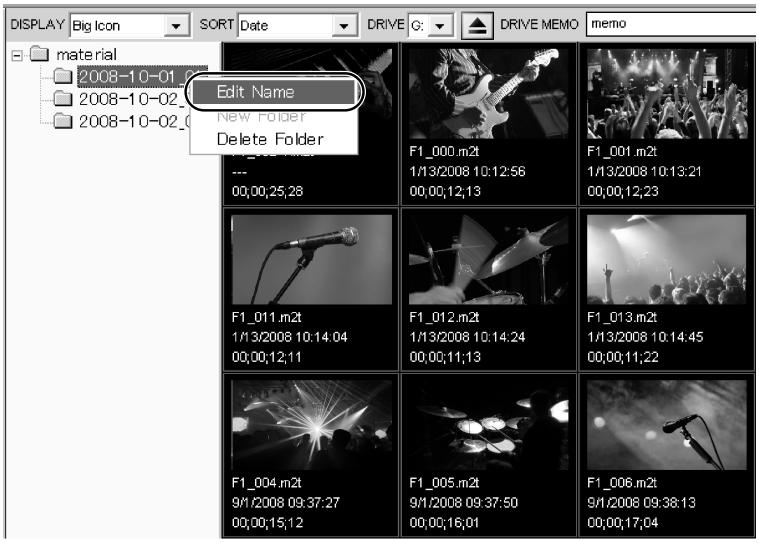
Organizing and Managing Materials

About Folders

This program displays lists of clips grouped into individual folders. You can create folders and organize clips in different ways, such as by shooting location or by day of shooting. Organizing material by folder makes it possible to find the needed clips quickly during editing operations later.

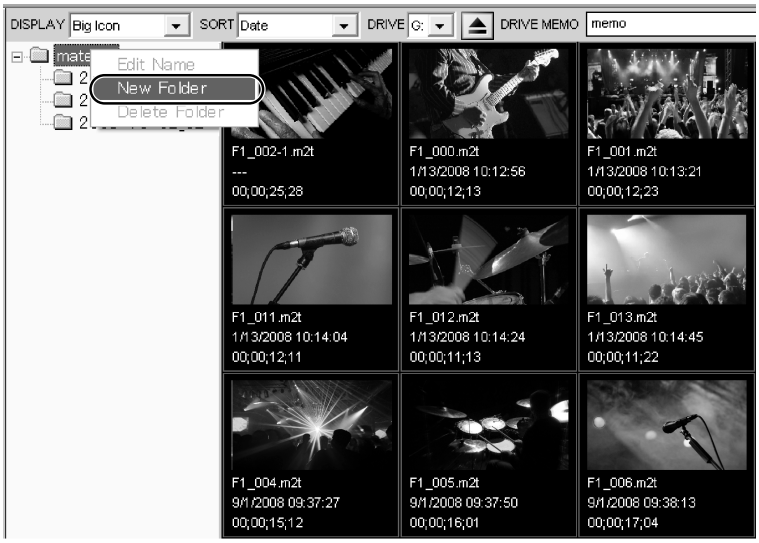
Changing Folder Name

Right click the folder you want to change name and select “Edit Name”.



Creating a Folder

Right click the “material” folder and select “New Folder”.

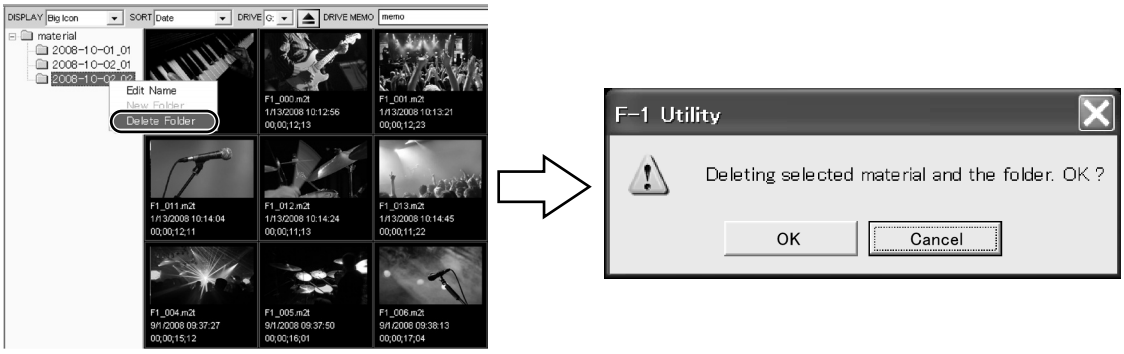


* *Note : The name of newly created folder will be “New”. Right click the folder and select “Edit Name” if you want to change the name.*

* *Note : If you want to create new folders in F-1’s removable storage, you are limited to single level below “material”. It is not possible to create sub folders on the level below newly created folders.*

Deleting a Folder

Right click the folder you want to delete and select “Delete Folder”. Click “OK” on the confirmation popup.



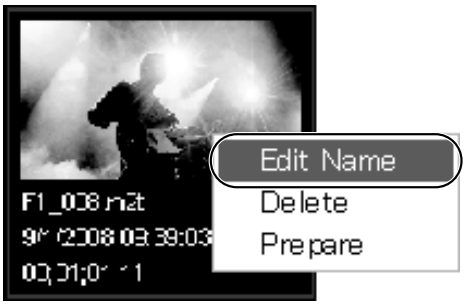
* *Note : Deleting operation of a folder also deletes all the clip data contained in the folder. Check that no necessary clip is contained in that folder before deleting.*

Moving Clip to a Different Folder

You can move a clip to different folder by dragging and dropping.

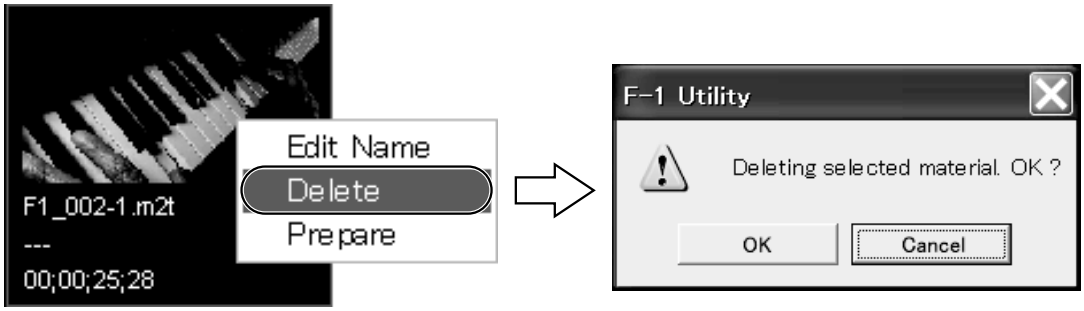
Changing Clip Name

Right click the clip you want to change name and select “Edit Name”.



Deleting a Clip

Right click the clip you want to delete and select “Delete”. Click “OK” on the confirmation popup.



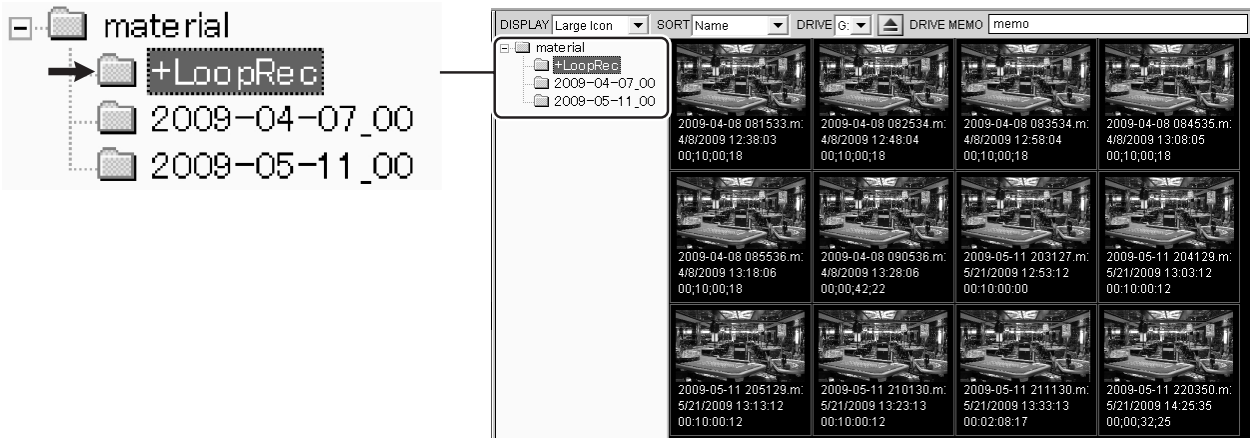
* *Note : It’s possible to select multiple clips at the same time by holding down the computer’s Shift key or Ctrl (control) key as you click the clips. You can delete a number of clips at the same time by selecting the clips, right-clicking, then choosing “Delete.”*

Combining the Clips of Loop Recording

You can execute loop recording on F-1 version 2 or later. Multiple clips are recorded in one folder using this function. This software enables you to combine the multiple clips and output as one file.

1. Browse the clipss

The”+LoopRec” folder will be created in the removable storage of F-1 if you do loop recording. Select the “+LoopRec“ folder to browse clips of loop recording.

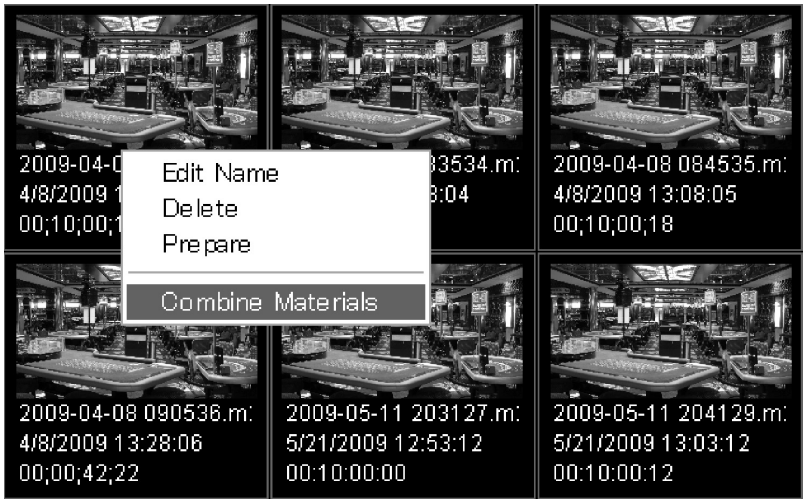


2. Select the clips you want to combine

Hold down the computer's Shift key to select multiple clips you want to combine.

3. Combine the selected clips

Right click the selected clip and select "Combine Materials".



4. Output the combined clips

Popup to select output destination appears if you select "Combine Materials". Select destination and start output.

Quitting the F-1 Utility Browser

Click the close button at the upper right of the window, or go to the File menu and select "Exit".